1746#2 10/30/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Inventor: B. Gene Cawlfield

For: Megasonically Energized Liquid Interface Apparatus and Method

Ser. No. 10/064,571

Attorney Docket Number P-B021

## INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. § 1.56, Applicant desires to bring to the attention of the Examiner known references believed to be material to the patentability of this application. This disclosure is made in accordance with 37 C.F.R. §§ 1.97 and 1.98 and § 609 of the Manual of Patent Examining Procedures, within three months of the electronic filing of the above-identified application.

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KOHLI et al.; "Nanoscale Removal of Contaminant Particles & Films"; Vacuum Technology & Coating; August 2001;

MEURIS et al.; "The IMEC Clean: Implementation in Advanced CMOS Manufacturing"; Semiconductor Fabtech, 11th Ed.; (c) 2000; ICG Publishing Ltd.; Hong Kong

Advertisement; "Looking for better post-CMP cleans?"; Semiconductor Fabtech, 11th Ed.;

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McCONNELL, Christopher F.; "Examining the Effects of Wafer Surface Chemistry on Particle Removal Using Direct-Displacement Isopropyl Alcohol Drying:; Reprint from Microcontamination, February 1991; Canon Communications, Inc.

No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

Copies of the cited references are enclosed. In keeping with the spirit of the Paperwork Reduction Act, Applicant has provided a legible copy of each reference as required by 35 CFR 1.98(a)(2) in the form of digital images encoded on a Compact Disc-Recordable (CD-R) disc. This form of "legible copy" is enumerated in 35 CFR 1.52(a)(1)(v) as one type of copy used by the Patent Office. The CD-R disc is labeled in accordance with 37 CFR 1.52 guidelines, although only one disc is provided. Duplicate discs will be provided if required.

The CD-ROM was created on an IBM-PC compatible computer using the Windows 98SE operating system, and contains the following files:

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2002-0011256.tiff	1,195,640	08-01-02 2:47p
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4869278.tiff	913,080	08-01-02 2:30p
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5037481.tiff	1,053,320	08-01-02 2:28p
5143103.tiff	480,340	08-01-02 2:27p
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5533540.tiff	571,180	08-01-02 2:22p
5579792.tiff	556,504	08-01-02 2:20p
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5695833.tiff	800,624	08-01-02 2:17p
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5980647.tiff	586,728	08-01-02 2:06p
5996594.tiff	591,328	08-02-02 11:20a
5996595.tiff	1,667,092	08-01-02 2:04p
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6039055.tiff	355,216	08-02-02 11:10a
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6158445.tif	1,729,644	07-24-02 9:08a
6181051.tiff	2,217,352	08-01-02 12:52p
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6224713.tiff	519,100	08-01-02 12:44p
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6273100.tiff	695,580	08-02-02 11:08a
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McConnell Article.tif	546,200	08-02-02 9:54a
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VT&C.tif	191,254,680	10-21-02 12:28a
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In the above-given list, the file for each granted U.S. patent is given a seven-digit file name reflecting the issue number of the respective patent, and each U.S. patent application publication is given an eleven-digit file name reflecting the publication number of the respective application publication. Digital color copies of the non-patent references are also included on the CD-ROM, along with black and white paper copies as a backup.

Applicant expressly reserves the right to question the relevancy and materiality of these references, in whole or in part, or in combination, subsequent to the filing of this Information Disclosure Statement.

Respectfully submitted,

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Attorneys for Applicant

**CERTIFICATE OF MAILING** 

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail to: Commissioner of Patents, Washington D.C. 20231

on October 21, 2002

Jeffrey T Hubbard